

IVANYUSHIN, Ye. P. (Engr.) KULIKOVA, K. N.

"Selection of Optimum Heat-Treating Conditions."

in book - Improving the Quality of Steel Castings; Transaction of the All-Union Conference, Moscow, Mashgiz, 1958. 214 p.

The following are investigated for their effect on the mechanical properties and microstructure of steel castings. 1) low temperature annealing and Normalization 2) higher-temperature annealing and normalization, with holding at temperature for various periods of time 3) rate of cooling. In addition, the effect of heat-treating conditions on the plastic properties of steel is studied.

KULIKOVA, K.S.

Reactivity of the organism in intranasal administration of living
influenza vaccine. Zhur.mikrobiol.epid.i immun. no.8:52 Ag '54.
(MLRA 7:9)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta vaktsin i
syvorotok imeni Mechnikova (dir. M.I.Sokolov)
(VACCINES AND VACCINATION,
influenza vacc., intranasal admin. of living vacc.)
(INFLUENZA, immunology,
vacc., intranasal admin. of living vacc.)

KULIKOVA, K. S.

KULIKOVA, K. S.: "Experimental and epidemiological study of live, dry anti-influenza vaccine." Acad Med Sci. Moscow, 1956. (Dissertations for the Degree of Candidate in Medical Sciences).

SO: Knizhnays Letopis' No. 22, 1956

SOKOLOV, M.I.; KULIKOVA, K.S.

Comparative investigation of the effectiveness of living influenza
egg vaccine and of its variant, egg-tissue vaccine. Vop.virus.
1 no.1:31-35 Ja-V '56. (MLRA 10:1)

1. Institut po izucheniuyu poliomiellita AMN SSSR, Moskva.
(VACCINES AND VACCINATION,
influenza vaccine, comparison of 2 living egg vaccines
(Rus))
(INFLUENZA, immunology,
vaccines, comparison of 2 living egg vaccines (Rus))

SOKOLOV, M.I., KULIKOVA, K.S., KHOLEVA, S.Ya., AZADOVA, N.B.

Factors facilitating the retention of vitality in influenza viruses
during drying and prolonged preservation. Vop.virus 3 no.4:239-241
Jl-Ag '58 (MIRA 11:9)

1. Institut virusologii imeni D.I. Ivanovskogo AMN SSSR, Moskva.
(INFLUENZA VIRUSES, culture
drying & prolonged preserv., protective media (Rus))

KULIKOVA, K. S.

"Comparative study of the immunological properties of
vaccine strains of the grippe virus."

report submitted at the 13th All-Union Congress of Hygienists, Epidemiologists
and Infectionists, 1959.

SOKOLOV, M.I.; KULIKOVA, K.S.

Experimental studies on means and methods for the production of live
influenzal vaccine. Report No.2: Adaptation and immunogenic properties
of influenza virus cultivated on chick embryo and human lung tissues.
Zhur.mikrobiol.,epid.i immun. 30 no.11:28-32 N '59. (MIRA 13:3)

1. Iz Instituta virusologii imeni Ivanovskogo AMN SSSR.

(VACCINES)

(INFLUENZA VIRUSES immunol.)

(TISSUE CULTURE)

ZALKIND, S.Ya.; KULIKOVA, K.S.; BORISOGLEBSKAYA, N.V.; DUBROVSKAYA, R.V.

Comparative cytological analysis of the effect of the smallpox
vaccine virus on tissue culture cells. Vop.virus 7 no.5:586-
594 S-O '62. (MIRA 15:11)

1. Moskovskiy nauchno-issledovatel'skiy institut virusnykh
preparatov.

(TISSUE CULTURE) (VACCINE LYMPH)

KULIKOVA, K.S.; ROMANOVA, M.T.

Resistance of transplanted cell lines to the action of low
temperature. Trudy Mosk. nauch.-issl. inst. virus. prep. 2:
212-224 '61. (MIRA 17:1)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927420019-7

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R000927420019-7"

KULIKOVA, L. A.

"The Color Campimeter in Eye Diseases." Sub 18 Jun 51, First Moscow
Order of Lenin Medical Inst.

Dissertations presented for science and engineering degrees in Moscow
during 1951.

SO: Sum. No. 480, 9 May 55.

KULIKOVA, L.A.

Hygienic investigation and ultraviolet disinfection of air in
pediatric preventive and hospital environments. Gig. i san. no.10:
34-38 0 '54. (MLRA 7:11)

1. Iz kafedry obshchey gigiyeny Leningradskogo sanitarno-gigiyeni-
cheskogo meditsinskogo instituta.

(AIR, bacteriology,
disinfection, ultraviolet)

(ULTRAVIOLET RAYS, effects,
air disinfection)

(HOSPITALS,
air disinfection, ultraviolet)

KULIKOVA, L. A.

"Individual prophylaxis of occupational eye diseases." A. A. Shaf-
ranov. Reviewed by L. A. Kulikova. Vest.oft. 34 no.1:43-44 Ja-F
'55 (MIRA 8:4)

(NYE - DISEASES AND DEFECTS)
(SHAFRANOVA, A. S.)

KULIKOVA, L.A.

"Trachoma and its control". A.G.Krol'. Reviewed by L.A.Kulikova.
Vest.oft.34 no.5:42 S-O '55. (MLRA 8:11)
(KROL', A.G.) (CONJUNCTIVITIS, GRANULAR)

KULIKOVA, L.A.

"Glaucoma as a cause of blindness and its control". V.A.
Kramarevskii. Reviewed by L.A. Kulkova. Vest. oft. 69 no.1:44-45
Ja-F '56, (MIRA 9:5)

(GLAUCOMA) (KRAMAREVSKII, V.A.)

KULIKOVA, L.A.

Experimental study and disinfection of air in children's
institutions and hospitals. Trudy LSGMI 31:193-224 '56.

(MIRA 12:8)

1. Kafedra obshchey gigiyeny Leningradskogo sanitarno-gigiyeni-
cheskogo meditsinskogo instituta (zav.kafedroy - chlen-
korrespondent AMN SSSR, prof. R.A.Babayants).

(AIR, microbiology,

in child. institutions & hosp. (Rus))

(HOSPITALS,

air microbiol. (Rus))

(CHILD WELFARE,

air microbiol. in child. institutions (Rus))

KULIKOVA, L.A.

"Medical examination of capacity for work and employment of
disabled with eye diseases" by F.A.Averbakh. Reviewed by L.A.
Kulikova. Vest.oft. 70 no.4:61-62 J1-Ag '57. (MIRA 10:10)
(EYE--EXAMINATION) (DISABILITY EVALUATION)
(AVERBAKH, F.A.)

KULIKOVA, L.A.

"Klinika oczna (Acta ophthalmologica polonica", quarterly organ of
the Polish Society of Oculists, Vol.27 No.1, 1957. Reviewed by
L.A.Kulikova, Vest.oft. 71 no.1:58-59 Ja-F '58. (MIRA 11:3)
(POLAND--OPHTHALMOLOGY--PERIODICALS)

KULIKOVA, L.A.

"Československá oftalmologie," Vol.13, No.1, 1957. Reviewed by
L.A.Kulikova. Vest.oft. 71 no.1:59-60 Ja-F '58. (MIRA 11:3)
(CZECHOSLOVAKIA--OPHTHALMOLOGY--PERIODICALS)

KULIKOVA, L.A.

Gonioscopy in glaucoma, iridocyclitis, and dystrophy of the ciliary
body. Vest. oft. 74 no. 1:9-14 '61. (MIRA 14:3)
(GLAUCOMA) (IRITIS) (EYE--DISEASES AND DEFECTS)
(OPHTHALMOSCOPY)

KAMENSKAYA, V.V.; BORODIN, Yu.I.; MYSH, G.D.; KULIKOVA, L.A.; VOROB'YEV, V.N.

Methodology of determining the transport function of the blood vessels and lymphatic system under experimental conditions.

Biul. eksp. biol. i med. 57 no.1:120-122 Ja '64.

(MIRA 17:10)

1. Kafedra fiziki (ispolnyayushchiy obyazannosti zaveduyushchego V.V. Kamenskaya) normal'noy anatomii (zav. - prof. K.V. Romodanovskiy), fiziologii (zav. - dotsent Ya.D. Finkinshteyn), gospi'tal'-noy khirurgii (zav. - dotsent B.A. Vitsin) Novosibirskogo meditsinskogo instituta. Predstavlena deystvitel'ny'm chlenom AMN SSSR V.N. Ternovskim.

KULIKOVA, L.A.

Stability of some organochlorine insecticides under the influence
of light and temperature depending on their form. Trudy VIZR no.20
pt.1:33-35 '64. (MIRA 18:10)

KULIKOVA, L.G., SLUTSKIY, V.A.

Thermal radiation drying of paint materials. Lakokras.mat. 1 ikh
prim. no.2:70-75 '60. (MIRA 14'4)
(Paint—Drying)

L 31194-66 EWP(j)/EWT(m) RM

ACC NR: AP6022568

SOURCE CODE: UR/0216/66/000/002/0197/0210

AUTHOR: Tseytlin, P. I.; Spitkovskiy, D. I.; Gorin, A. I.; Ivannik, B. P.;
Kulikova, L. G.; Luchkina, L. A.; Martynov, E. V.; Ryabchenko, N. I.; Usakovskaya, T. S.

ORG: Institute of Experimental Biology, AMN SSSR, Moscow (Institut eksperimental'noy biologii AMN SSSR)

TITLE: Analysis of radiation injury to deoxyribonucleoproteins at the molecular and supramolecular levels

SOURCE: AN SSSR. Izvestiya. Seriya biologicheskaya, no. 2, 1966, 197-210

TOPIC TAGS: radiation injury, protein, DNA, x ray irradiation, hydrogen bonding, molecular structure

ABSTRACT: X-irradiation does not give rise to covalent crosslinks within the DNA macromolecule, i.e., it does not prevent the separation of DNA strands or interfere with its replication. The authors' studies on optic rotation of DNA and DNP and melting curves indicate that irradiation causes latent damage to the system of hydrogen bonds. The formation of single breaks in the polynucleotide skeleton may result in rotation around the remaining single bond at the site of the break. This may produce local change in the configuration of the DNA macromolecule, resulting in steric hindrance between the DNA and corresponding protein molecule.

Irradiation with doses below 10^3 rad causes breaks only in a small number of DNA molecules. This does not alter the physicochemical properties of the DNA or DNP as a whole, although it undoubtedly has some biological

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UDC: 577.391

L 31194-66

ACC NR: AP6022568

effect. Thus, there is no reason to believe that the effects of low irradiation doses, as manifested in structural rearrangements of chromosomes, are related to changes in the DNA macromolecules. The results of studies on the physicochemical properties of supramolecular oriented DNP structures present in a medium with physiological ionic strength indicate that these formations are highly sensitive to radiation. Orig. art. has: 10 figures. [JPRS]

SUB CODE: 07, 06, 20 / SUBM DATE: 18Dec65 / ORIG REF: 013 / OTH REF: 013

Card 2/2 110

KULIKOVA, L.G., TONGUR, V.S., LEYKINA, E.M., BELOSHAPKINA, T.S., (USSR)

"Synthetic Ribonucleoproteins."

Report presented at the 5th Int'l. Biochemistry Congress, Moscow,
10-16 Aug. 1961.

KULIKOVA, L.I.

Influence of varying quantities of manganese in the food of growing animals on the amount of calcium and phosphorus in osseous, hepatic, and cerebral tissue. Vop. pit. 20 no.6:58-63 N-D '61.
(MIRA 15:6)

1. Iz laboratorii obmena veshchestv i energii (zav. - prof. O.P. Molchanova) Instituta pitaniya AMN SSSR, Moskva.
(MANGANESE--PHYSIOLOGICAL EFFECT)
(CALCIUM IN THE BODY) (PHOSPHORUS IN THE BODY)

ICA KULIKOVA, L. I.
 The influence of nutrients on the development of seminal roots of wheat. L. I. Kulikova. *Trans. Kirov Inst. Agr.*

(Omsk, U.S.S.R.), 20, 145-04(1041-1046). —Feeding plants in nutrient soils, in the presence of nitrates causes an unfavorable relation between the surface involved in giving up and taking in water. The depressive effect of NO_3 on seminal roots is due to reduction reactions in the root system. Withholding nitrates affected the root system favorably. Withholding of Ca caused a reduction of roots, and the type of anion assocd. with the Ca had its effect on the roots. The NO_3 ion was the poorest, the SO_4 the best.
 J. S. Joffe

KULIKOVA, L.I.

Effect of different quantities of manganese in the food of
white rats on the growth and development of bones. Vop. pit.
21 no.5:47-52 S-O '62. (MIRA 17:5)

1. Iz laboratorii obmena veshchestv i energii (zav. - chlen-
korrespondent AMN SSSR prof. O.P. Molchanov) Instituta pitaniya
AMN SSSR, Moskva.

1. KULIKOVA, L. I., MAYBORODA, N. M.
2. USSR (600)
4. Microorganisms, Nitrogen-Fixing
7. Combined effect of granular fertilizers and azotobacter preparation on the yield and sowing qualities of wheat seed. Sov agron No 2 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

USSR/Cultivated Plants -- Grains

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82282

Author : Kulikova, L.I.

Inst : Omsk Agriculture Institute

Title : Physiological Characteristics of the Wheat Leaf Upon
the Application of Granular Phosphate and Azotobacterin.

Orig Pub : Tr. Omskogo s.-kh. in-ta, 1957, 22, No 1, 3-6

Abstract : The seeds of Mil'tarum 290 wheat treated with azotobacterin were mixed with granulated fertilizers prior to planting. The viscosity of the plasma became noticeably higher upon application of granulated fertilizers. An addition to them of azotobacterin increased the effect. The resistance of the plasma colloids to high temperatures obeys the same rule. Similar results were obtained by the determination of photosynthesis and water balance

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USSR/Cultivated Plants - Grains.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82282

of the leaves. Observations were conducted during the tubing stage at the temperature of 24.5° and with the humidity deficiency of perhaps 10.4. If the true productivity of the leaves in grams (per 1 square meter x 1 24-hour period) on the control was 3.57 and the loss of water by the leaves in three hours comprised 627.38 milligrams/square inch, then upon application of organic and mineral fertilizer plus azotobacterin, the same indicators were expressed by figures 5.45 and 510.36 respectively. The result of this is an increase in the yield from 13 to 21 centners/ha. -- Ye.A. Yablonskiy

Card 2/2

KULIKOVA, L K.

19

PHASE I BOOK EXPLOITATION SON/5575

Akademiya nauk SSSR. Astronomicheskii sovet.

Bulleten'stantsiy opticheskogo nablyudeniya iskusstvennykh sputnikov Zemli, no. 6. (Bulletin of the Stations for Optical Observation of Artificial Earth Satellites. No. 6) Moscow, 1959. 23 p. 500 copies printed.

Sponsoring Agency: Astronomicheskii sovet Akademii nauk SSSR.

Resp. Ed.: Ye. Z. Gindin; Secretary: O. A. Severnaya.

PURPOSE : This bulletin is intended for scientists and engineers concerned with optical tracking of artificial satellites.

COVERAGE : The bulletin contains 9 articles which present the results of satellite observations, and describe methods and specific equipment used for photographic observation of earth satellites. An appendix contains a listing of 84 Soviet satellite observation stations with station number. No personalities.

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Bulletin of the Stations (Cont.)

SCN/5575

are mentioned. There are no references.

TABLE OF CONTENTS:

Panova, G. V., T. Ye. Syzhchenko, B. A. Firago, and D. Ye. Shchegolev [Glavnaya (Pulkovskaya) Astronomicheskaya observatoriya AN SSSR - Main (Pulkovo) Astronomic Observatory of the Academy of Sciences of the USSR]. Observations of the Second Artificial Earth Satellite (1957 β) at Station No. 039 (Pulkovo) (Observations: B. A. Firago, D. D. Polovinskiy, G. V. Panova, H. M. Bronnikova. Measurements and Calculations: T. Ye. Syzhchenko, G. V. Panova, D. Ye. Shchegolev, B. A. Firago, and G. P. Kiseleva) 1

Langauer, G. G. [Main (Pulkovo) Astronomic Observatory of the Academy of Sciences of the USSR]. On Methods for Precise Photographic Determinations of the Positions of Artificial Earth Satellites 6

Card 2/6

Bulletin of the Stations (Cont.)	501/5575	19
cation of the MAFPA-34/25 Photographic Camera at Pulkovo		13
Firago, B. A. [Main (Pulkovo) Astronomic Observatory]. System- atical Errors in the Readings of Hundreds of Seconds of Print- ing Chronographs (21-II Nos. 001, 011, 045 - 1954; 143, 146, 199 - 1957; 235 - 1958)		15
Romero, G. [Santiago Astronomic Observatory of the University of Chile]. On the Illumination of an Artificial Satellite		15
Results of Photographic Observations of Artificial Earth Satel- lites		19
a. Urasin, L. A., L. L. Andriyevskaya, L. K. Kalikova, and Kh. Shakirova [Astronomicheskaya observatoriya im. Bagel'- garda, Kazan'-Astronomic Observatory named A. Bagel'gard, Kazan']		13
b. Kalikhevich, F. F., and T. Ya. Ivakina [Nikolayevskaya otdeleniye GAO AN SSSR - Nikolayevsk Department of the Main Astronomical Observatory of the Academy of Sciences		

Card 4/6

COUNTRY	: USSR	
CATEGORY	: Cultivated Plants. Medicinal. Essential Oil.	M
	Toxic.	
ABS. JOUR.	: RZhBiol., No. 3, 1959, No. 11148	
AUTHOR	: Kulikova, L. L.	
INST.	: Bashkir SSR Agricultural Institute	
TITLE	: The Medicinal Valerianaceae of Bashkir Autonomous SSR.	
ORIG. PUB.	: Tr. Bashkirsk. s.-kh. in-ta, 1957, 8, No. 2, 5-16.	
ABSTRACT	: The regions of wild-growing thickets of Valeriana in Bashkir ASSR are listed. They are becoming scarcer every year. Before the Bashkir Autonomous SSR, there arose the problem of discovering Valerianaceae with the best biological activity for introduction into cultivation. A brief review is cited of the work on the classification and pharmacology of Valeriana. Taxonomists regard V. officinalis as a collective species consisting of geographical species and forms having different biological activity. Subjected to the test were 4 geographic spe-	
CARD:	1/2	

ACC NR: AP6033440

SUBMIT DATE: 21/10/63 / 22/10/63 / 23/10/63

INVENTOR: Proskuryakov, G. V.; Vozhdanov, Ye. A.; Terent'yev, A. A.; Kulikova, L. P.

ORG: None

TITLE: A method for bending sectional profiles from sheet stock. Class 7, No. 185827

SOURCE: Izobret prom obraz tov zn, no. 18, 1966, 21

TOPIC TAGS: sheet metal, metal bending, bending machine

ABSTRACT: This Author's Certificate introduces a method for bending sectional profiles from sheet stock. Cross sections with internal bending radii close to zero are produced from material with low ductility by additional bending with the application of compressive force to shelves on the prebent profile along lines which are normal and tangent to the central axis of the cross section.

SUB CODE: 11, 13/ SUBM DATE: 21Oct63

Card 1/1

UDC: 621.981.1

LANDSKAYA, K.A., kand. tekhn. nauk; KULIKOVA, I.V., inzh.

High-boron chrome-nickel-tungsten-niobium steel ER400.

Toploenergetika 12 no.11:70-74 N '65.

(MIRA 18:10)

1. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii imeni I.P. Bardina.

L 21199-66 BWT(m)/EWA(d)/EWP(k)/EWF(t) IJP(c) MJN/JD/HW

ACC NR: AP6005892

SOURCE CODE: UR/0096/65/000/011/0070/0074

AUTHOR: Lenskaya, K. A. (Candidate of technical sciences); Kulikova, L. V. (Engineer) 51

ORG: TsNIICHM

TITLE: High boron chromium-nickel-tungsten-molybdenum steel brand EP400

SOURCE: ~~415, 27~~ ~~415, 27~~ ~~415, 27~~ ~~415, 27~~ ~~415, 27~~ Teploenergetika, no. 11, 1965, 70-74 A

TOPIC TAGS: boron containing alloy, chromium containing alloy, nickel containing alloy, tungsten containing alloy, molybdenum containing alloy, solid mechanical property, metal tube, steel/steel EP400

ABSTRACT: The article starts with a review of past work in the Soviet Union on the suitability of alloys of this type for steam tubes. A series of curves shows the effect of boron additions on hot ductility and deformation resistance. The present tests were made on chromium-nickel-tungsten-molybdenum steel Brand EP400, but containing approximately 0.4% boron. The metal for the tests was taken from two industrial melts made in an electric furnace. The chemical composition of these melts was as follows (%): carbon-0.10, 0.09; silicon-0.30, 0.26; manganese-1.49, 1.51; chromium-16.40, 16.28; nickel-19.20, 19.08;

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UDC: 669.15--194:621.4.001.4

L 23199-66

ACC NR: AP6005892

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tungsten-2.54, 2.47; niobium-1.22, 1.21; boron-0.36, 0.40; cerium (calculated)- less than 0.02; sulfur-0.008, 0.009; and, phosphorous-0.005, 0.005. The article gives curves illustrating the following properties of the steel under investigation: the effect of heating temperature and cooling rate on the change in hardness and the grain size; the effect of boron content on change in hardness as a function of heating temperature; the change in the mechanical properties as a function of the experimental temperature and heat treatment conditions; the effect of boron content on the change in the mechanical properties as a function of the experimental temperature; and, the effect of boron content on the change in the elongation strength limit. Also shown are photos of the microstructure of the samples after various treatments. The article concludes that the lowered ductility of steel EP400 (0.4% boron) in the temperature interval of hot plastic deformation makes it difficult to fabricate into tubes. The test results also indicate tendencies toward boride liquation and toward lowered plastic properties and shock viscosity which cannot be raised by subsequent heat treatment. In addition, recent tests on this steel by other authors indicate that the high boron content promotes the appearance of hot fracturing and increases its tendency toward cold fracturing. It is therefore concluded that this steel is not suitable for fabrication of steam tubes. Orig. art. has: 11 figures and 2 tables. 18

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 003

Card 2/2 PB

KULIKOVA, M.F.

Construction problem linked with the distribution of fractional portions of an exponential function. Dokl. AN SSSR 143 no.3:522-524 Mr '62. (MIRA 15:3)

1. Checheno-Ingushskiy gosudarstvennyy pedagogicheskiy institut.
Predstavleno akademikom I.M.Vinogradovym.
(Numbers, Theory of) (Functions, Exponential)

KULIKOVA, M.F.

Construction of a number α for which the fractional portions
 $\{ \alpha g^x \}$ are distributed rapidly and uniformly. Dokl. AN SSSR
143 no.4:782-784 Ap '62. (MIRA 15:3)

1. Predstavleno akademikom I.M.Vinogradovym.
(Numbers, Theory of)

KULIKOVA, M.F., inzh.

Multicable hoisting with friction pulleys. Bezop. truda v prom. 3
no.11:23-25 N '59. (MIRA 13:3)

1. Makeyevskiy nauchno-issledovatel'skiy institut po bezopasnosti
rabot v gornoy promyshlennosti.
(Mine hoisting)

KULIKOVA, M.F., inzh.

Protection of multiple-rope hoisting units against overtravel. Ugol'
Ukr. 5 no.3:18-19 Mr '61. (MIRA 14:3)

1. Makeyevskiy nauchno-issledovatel'skiy institut.
(Hoisting machinery)

CULTIVATED PLANTS. Potatoes. Vegetables. Cucurbits.
REF ZHUR - BIOLOGIYA, NO. 4, 1959, No. 15661
AUTHOR Kulikova, M.F.
INST. AS USSR
TITLE : Effect of Waterings and Fertilizers on
Crop Formation and Productivity of Water
Consumption of Vegetable Crops in the Con-
ditions of the Middle Non-chernozem Zone
ORIG. PUB. : V sb.: Biol. osnovy orosheyem. zemled. M.,
AN SSSR, 1957, 423-437
ABSTRACT : Research on getting stable crops of vegetables
with economical use of water was conducted at
the experimental base of the Scientific
Research Institute of Vegetable Farming. The
cultivation of cabbage, tomatoes and cucumbers
was studied. The best soil moisture conditions
for cabbage is 80 to 100 % of full field
moisture capacity. For tomatoes and cucumbers
70 % of the full field moisture capacity is
admissible in the period of

CARD: 1/3

COUNTRY :
CATEGORY : CULTIVATED PLANTS.

ABST. JOUR. : REF. ZHUR - BIOLOGIYA, NO. 4, 1953, No. 15561

AUTHOR :
INST :
TITLE :

ORIG. PUB. :

ABSTRACT : vegetative mass growth, up to 80 % in the period of formation of tomato fruit, of cucumber picking, 60 to 70 % in the period of tomato ripening. For the non-chernozem zone, moisture reserves in the 60 cm horizon are stable and do not drop lower than 70 to 80 % of full field moisture capacity. In the conditions of the middle zone, waterings are the chief method for getting high and stable crops. They secure the greatest effect in

CARD: 2/3

CULTIVATED PLANTS.
ABO. SOOP. REF ZHUR - BIOLOGIYA, NO. 4, 1959,

AUTHOR
INST.
TITLE

No. 15661

ORIG. TUP. :

ABSTRACT

combination with fertilizers. In average humid years the effect waterings have on the crop varies in the limits of 10 to 30 %, and in dry years, in the limits of 60 to 70 %. In average humid years the effect of fertilizers is manifested in the limits of 45 to 70 %, in dry years, 30 to 40 %. With joint use of intensified waterings and intensified fertilizer backgrounds the crop amounts to 200 to 250 % of crops without waterings and without fertilizers. -- V.D. Latkin-Turkov

CARD: 3/3

KULIKOVA, M.F.

Safe operation of multirope hoists. Trudy MakNII 12: Vop. gor.
elektromekh. no.4:250-262 '61. (MIRA 16:6)

(Mine hoisting)

KULIKOVA, M.F.

~~Capron cushioning devices for protecting multirope hoists~~
in overwinding. Trudy MakNII 12: Vop. gor. elektromekh. no.4:
305-314 '61. (MIRA 16:6)

(Nylon) (Mine hoisting—Safety appliances)

KULIKOVA, M.F.

Experimental studies of capron parts for cushioning devices for
protecting multirope hoists during overwinding. Trudy MakNII 14.
Vop. gor. elektromekh. no.5:209-219 '62. (MIRA 16:6)
(Nylon) (Mine hoisting--Safety appliances)

KULIKOVA, M.F.

Effect of enclosing rocks on the behaviour of rare elements in the oxidation zone of lead and zinc deposits of eastern Transbaikalia. Dokl. AN SSSR 149 no.5:1163-1166 Ap '63.

(MIRA 16:5)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh elementov AN SSSR. Predstavleno akademikom D.I. Shcherbakovym. (Transbaikalia—Trace elements)

KULIKOVA, M. F. Cand Med Sci -- (diss) "Variability of the germ of tuberculosis. Experiment in the study of changed tuberculous strains obtained experimentally and ~~disseminated~~ isolated from patients." Mos, 1958. 18 pp (Acad Med Sci USSR. Inst of Epidemiology and Microbiology im Honored Academician N. F. Gamaley), 200 copies (KL, 36-58, 115)

-74-

KULIKOVA M.F.

TOGUNOVA, A.I.; KULIKOVA, M.F.; KHATENEVICH, M.L.

Characteristics of substrains of BCG. Zhur.mikrobiol.epid. i immun.
29 no.3:3-8 Mr '58. (MIRA 11:4)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei AMN SSSR.
(MYCOBACTERIUM TUBERCULOSIS BOVIS,
BCG, sub-strains (Rus)

STEPANCHENOK, G.I.; TOGUNOVA, A.I.; KHATENEVER, M.L.; KULIKOVA, M.F.

Effect of ultrasound on Mycobacterium tuberculosis. Zhur.
mikrobiol.epid. i immun. 30 no.5:90-95 My '59. (MIRA 12:9)

1. Iz Instituta epidemiologii i mikrobiologii imeni Garalei
AMN SSSR.

(MYCOBACTERIUM TUBERCULOSIS, eff. of radiations.
ultrasonics (Rus))

(ULTRASONICS, eff.
on M. tuberc. (Rus))

TOGUNOVA, A.I.; KULIKOVA, M.F.

Effect of ionizing radiations on regularity of the vaccine process
in BCG vaccination in an experiment. Med.rad. no.7:39-45 '61.
(MIRA 15:1)

1. Iz Instituta epidemiologii i mikrobiologii imeni N.F. Gamalei
AMN SSSR.

(BCG VACCINATION) (RADIATION--PHYSIOLOGICAL EFFECT)

MOROZOV, M.A.; BALAYAN, L.B.; KULIKOVA, M.F.

Stability of dry smallpox vaccines treated with penicillin.
Zhur. mikrobiol., epid. i. immunit. 40 no.6:105-108 Je '63.

(MIRA 17:6)

1. Iz Instituta epidemiologii i mikrobiologii imeni Gamalei
AMN SSSR.

GRACHEVA, N. P.; KULIKOVA, M. F.

"Influence of cortisone on changes of streptomycin-susceptibility of mycobacteria in vitro and during streptomycin therapy."

report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Dept of Infectious Pathology & Experimental Therapy, Inst of Epidemiology & Microbiology im N. F. Gamaleya, AMS USSR, Moscow.

GRACHEVA, N. P.; KULIKOVA, M. F.

"The heterogeneity of some of the Mycobacterium flora against antituberculous antibiotics, and its significance in the chemotherapy of tuberculosis."

report presented at 4th Intl Cong, Hungarian Soc of Microbiologists, Budapest, 30 Sep-3 Oct 64.

Inst of Epidemiology & Microbiology im Gamaleya, AMS USSR, Moscow.

GRACHEVA, N.P.; AKOP'YANTS, S.S.; KULIKOVA, N.F.

Study of the sensitivity of the body to Mycobacterium tuberculosis following aurantin administration. Antibiotiki 9 no.3:238-243 Mr '64.

(MIRA 17:12)

1. Otdel infektsionnoy patologii i eksperimental'noy terapii infektsii (zav. - chlen-korrespondent AMN SSSR prof. Kh.Kh.Planel'yes) Instituta epidemicologii i mikrobiologii imeni N.F.Gamalei i otdeleniye khimioterapii 62-y onkologicheskoy bol'nitsy, Moskva.

KULIKOVA, M.F.

Natural variations in the sensitivity to streptomycin and phtivazid
in laboratory strains of mycobacteria. Antibiotiki 10 no.5:455-460
My '65. (MIRA 18:6)

1. Otdel infektsionnoy patologii i eksperimental'noy terapii
infektsiy (zav. - chlen-korrespondent AMN SSSR prof. Kh.Kh.
Planel'yes) Instituta epidemiologii i mikrobiologii imeni Gamalei
AMN SSSR, Moskva.

KULIKOVA, M.F.

Behavior or trace elements in the oxidation zone of complex metal
deposits in eastern transbaikalia. Geokhimiia no.2:154-163 '62.
(MIRA 15:3)

1. Institute of Mineralogy, Feology and Crystal Chemistry of
Rare Elements, Academy of Sciences, U.S.S.R., Moscow.
(Transbaikalia--Trace elements)

S/007/62/000/007/002/003
B107/B180

AUTHOR: Kalikova, M. P.

TITLE: Behavior of indium in the oxidation zone of some polymetallic deposits of the Eastern Transbaikal


PERIODICAL: Geokhimiya, no. 7, 1962, 610 - 616

TEXT: The ore deposits of the Nerchinskiy Zavod and Klichka were studied. Their oxidation zone, which consists of lead and zinc carbonates and limonite at Nerchinskiy Zavod), and iron and manganic hydroxides at Klichka, is approximately 100 m deep. The indium content of its minerals was determined. It was found that indium becomes highly dispersed on oxidation and only accumulates in a few minerals. When a high-indium zinc blende (0.01 - 0.5%) oxidizes, the indium only accumulates in sauconite (0.0015%), while smithsonite and hemimorphite contain practically none. On boulangerite oxidation, indium accumulates in bindheimite (0.01 - 0.03%) due to formation of the complex $\text{InAsO}_4 \cdot \text{H}_2\text{O}$ which precipitates at a pH of 3 to 3.5. Up to 0.03% indium was found in some other deposits. Iron and man-

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Behavior of indium in the ...

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B107/B180

genic hydroxides have practically none, owing to the coprecipitation of indium and iron, which is less probable with aluminum or manganese. There are 12 tables. 

ASSOCIATION: Institut mineralogii, geokhimii i kristallokhimii redkikh elementov AN SSSR, Moskva (Institute of Mineralogy, Geochemistry and Crystallochemistry of Rare Elements of the Academy of Sciences USSR, Moscow)

SUBMITTED: August 5, 1961

Card 2/2

KULIKOVA, M.F.

Gallium in the oxidation zone of some polymetallic deposits
of eastern Transbaikalia. Dokl. AN SSSR 143 no.2:423-
426 Mr '62. (MIRA 15:3)

1. Institut mineralogii, geokhimii i kristallokhimii redkikh
elementov AN SSSR. Predstavleno akademikom D.I.Shcherbakovym.
(Transbaikalia--Gallium)
(Geochemistry)

KULIKOVA, M. F.

Dissertation defended for the degree of Candidate of Physicomathematical Sciences at the Mathematical Institute imeni V. A. Steklova 1962:

"Several Problems in Construction Related to Distribution of Fractional Parts of Exponential Function."

Vest. Akad. Nauk SSSR. No. 4, Moscow, 1963, pages 119-145

SINDEYEVA, N.D.; KULIKOVA, M.F.

Rare elements in the oxidation zone of sulfide deposits.
Trudy IMGRE no.10:268-290 '63. (MIRA 17:5)

KULIKOVA, M.F.

Thallium in the zone of oxidation of some lead-zinc
deposits in eastern Transbaikalia. Trudy IMGRE no.10:
291-297 '63. (MIRA 17:5)

KULIKOVA, M.F.

Nature of the distribution and the mean contents of rare elements
in iron hydroxides in the oxidation zone of lead-zinc deposits in
eastern Transbaikalia and Central Asia. Dokl. AN SSSR 163 no.5:1248-
1251 Ag '65. (MIRA 18:8)

1. Institut mineralogii, geokhimii i kristalloghimii redkikh elementov.
Submitted April 8, 1965.

LYALIKOVA, N.N.; KULIKOVA, M.F.

Leaching of rare elements from sulfide ores under the influence of bacteria. Dokl. AN SSSR 164 no.3:674-676 S '65.

(MIRA 18:9)

1. Institut mikrobiologii AN SSSR i Institut mineralogii i geokhimii redkikh elementov. Submitted November 28, 1964.

DZHANPOLADOVA, V.P.; KULIKOVA, M.L.

"Acetone bodies" in the blood of patients with malignant tumors
during the action of ionizing radiations. Med.rad. 5 no.6:66-67
'60. (MIRA 13:12)

(ACETONE BODIES)

(CANCER)

BEL'TYUKOV, V.I. Prinimali uchastiye: BERG. M.D.; KULIKOVA, M.M.

Effect of vibration and muscular tension on the heart.

Eksp. issl. pofiziol., biokhim. i farm. no.3:141-149

'61

(MIRA 16:12)

1. Permskiy meditsinskiy institut.

KULIKOVA, M.N.; STRONGIN, G.M.; PROKHOROVA, M.I.

Determination of delta-hexachlorocyclohexane by the method of isotope dilution. Trudy po khim.i khim.tekh. no.1:56-60 '63.

(MIRA 17:12)

KULIKOVA, M.N.; STRONGIN, G.M.; KHOKHLOVA, L.F.

Determination of a gamma-isomer of hexachlorocyclohexane in methanol solutions of hexachloran by the isotope dilution method. Trudy po khim. i khim.tekh. no.1:61-64 '63. (MIRA 17:12)

KULIMOVA, M.N.; STRONGIN, G.M.; PROKHOROVA, M.I.; KHOKHELOVA, L.F.

Determination of hexachlorocyclohexane isomers by the isotope-
dilution method using chlorine-36. Zhur. anal. khim. 21 no.1:
103-109 '66 (MIRA 19:1)

1. Chernorechenskiy khimicheskiy zavod imeni Kalinina, Dzerzhinsk.

STRONGIN, G.M.; KULIKOVA, M.N.; FINKEL'SHTEYN, Kh.A.

Production of highly concentrated hexachloran from a scaly product.
Trudy po khim.i khim.tekh. no.1:69-74 '63.

(MIRA 17:12)

KULIKOVA, M.N.; STRONGIN, G.M.; PROKHOROVA, M.I.

Determination of the alpha-hexachlorocyclohexane content by the isotope dilution method. Trudy po khim.i khim.tekh. no.1:75-79 '63.
(MIRA 17:12)

STRONGIN, G.M.; KULIKOVA, M.N.

Use of radioactive Cl^{36} in controlling the production and processing
of hexachloran. Atom. energ. 18 no.1:84-85 Ja '65.

(MIPA 18:2)

STRONGIN, G.M.; KULIKOVA, M.N.; PROKHOROVA, M.I.

Extraction of the γ -isomer from hexachloran with coal-tar oils. Zhur.
prikl.khim. 36 no.2:465-467 F '63. (MIRA 16:3)
(Cyclohexane) (Isomers) (Coal-tar products)

KULIKOVA, M.T.

Loose smut can be controlled. Zashch. rast. ot vred. i bol.
6 no.3:27 Mr '61. (MIRA 15:6)

1. Zaveduyushchaya laboratoriyey zashchity rasteniy Kustanayskoy
oblastnoy sel'skokhozyaystvennoy stantsii, st. Toguzak.
(Kustanay Province--Smuts)
(Seeds--~~Disinfection~~)

KULIKOVA, M.V.

Our work practices. Tekst.prem. 16 no.1:44-45 Ja '56. (MLRA 9:4)

1.Pomeshchnik masters priadil'nogo tsekha fabriki imeni Dzerzhinskogo.
(Spinning)

KULIKOVA, M. V., Cond Agr Sci -- "Effectiveness of pre-harvest removal of leaves
as a function of
~~in relation to the~~ conditions of development of ~~the~~ cotton plant." Stalinabad, 1960
(Acad Sci Tadzhik SSR. Department of Agr and Biol Sci). (KL, 1-61, 201)

-298-

KULIKOVA, M.V.

A new nystagmograph. Vest. oto-rin. 16 no.6:63-64 N-D '54.

(MLRA 8:1)

1. Iz Nauchno-issledovatel'skogo instituta neyrokhirurgii
Ministerstva zdravookhraneniya USSR (dir. i nauchnyy rukovoditel'
zasluzhennyy deyatel' nauki prof. A.I.Arutyunov)

(APPARATUS AND INSTRUMENTS

nystagmograph, new type)

(NYSTAGMUS

nystagmography, new apparatus)

KULIKOVA, M.V.

Influence of the histostucture of subtentorial tumors on the
character of nystagmus. Probl.neirokhir. 4:107-112 '59. (MIRA 13:11)
(BRAIN--TUMORS)
(NYSTAGMUS)

KULIKOVA, M. V., Cand Med Sci -- (diss) "Nystagmus during tumors of the rear cranial depression." Odessa, 1960. 16 pp; (Odessa State Medical Inst im N. I. Pirogov); 300 copies; price not given; (KL, 23-60, 128)

GORDEYEV, V.A.; KULIKOVA, N.A.

Studying the elastic properties of textiles under the conditions of short-time deformations. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.4:8-11 '63. (MIRA 16:11)

1. Leningradskiy tekstil'nyy institut imeni S.M. Kirova.

KULIKOV, N.A., red.

[Check of weight measuring devices; instructions] Po-
verka vesoizmeritel'nykh priborov; sbornik instruktsii.
Izd. ofitsial'noe. Moskva, Izd-vo Standartov, 1964. 314 p.
(ZINA 18:1)

1. Russia (1923)- U.S.S.R., Komitet standartov, mer i izme-
ritel'nykh priborov.

VENDEL'SHTEYN, B.Yu.; KULIKOVA, N.G.; SKIBITSKAYA, N.A.

Defining oil-bearing reservoirs in carbonate sediments of the
Lower and Middle Carboniferous of areas under exploration in Orenburg
Province. Trudy MINKHIGP no.41:209-229 '63. (MIRA 16:10)

KULIKOVA, N.G.

Determining the specific resistivity of carbonate reservoirs.

Trudy MINKH1GP no.41:242-246 '63.

(MIRA 16:10)

KULIKOVA, N.I.

Electrophoretic analysis of serum proteins in some species of gobies of the genus *Neogobius* of the Sea of Azov. Dokl. AN SSSR 163 no.5: 1285-1288 Ag '65. (MIRA 18:8)

1. Azovo-Chernomorskiy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii. Submitted October 26, 1964.

ACCESSION NR: AT4042669

S/0000/63/000/000/0134/0135

AUTHOR: Gilinskiy, V. Ya.; Chapek, A. V.; Kozlova, A. G.; Kulikova, N. M.;
Loshak, A. Ya.

TITLE: The effects of small concentrations of carbon monoxide on the human
organism in airtight cabins of passenger aircraft

SOURCE: Konferentsiya po aviatsionnoy i kosmicheskoy meditsine, 1963.
Aviatsionnaya i kosmicheskaya meditsina (Aviation and space medicine); materialy
konferentsii. Moscow, 1963, 134-135

TOPIC TAGS: carbon monoxide effect, pressure chamber, man, higher nervous
activity, passenger aircraft

ABSTRACT: In order to study the effects of small concentrations of carbon monoxide, experiments were performed on 82 persons in pressure chambers and 185 persons in aircraft. Experiments have shown that after 3 hours, the presence of carbon monoxide in concentrations of 0.01 mg/l and higher causes certain negative shifts in the functional condition of a number of organs and systems. In the area of higher nervous activity, it was found that the presence of carbon monoxide resulted

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ACCESSION NR: AT4042669

in a lowering of the ability to differentiate, a decrease in memory, a shortening of the attention span, and an increase in the time for carrying out assigned tasks. In the area of visual and vestibular analyzers, it caused an increase in the latent period, a diminution in the retention of the afterimage, and a diminution in the time of counter rotation illusion. In the metabolic processes, it caused changes in body temperature. In the cardiovascular system, it caused changes in arterial pressure, changes in the functions of the cardiac muscle, etc. It caused a weakening of the muscles. It caused formation of carboxyhemoglobin in the blood and other changes in the composition of blood elements. On the basis of these data, it is suggested that 0.01 mg/l of carbon monoxide be established as the maximum allowable in the cabins of passenger aircraft.

ASSOCIATION: none

SUBMITTED: 27Sep63

ENCL: 00

SUB CODE: LS

NO REF SOV: 000

OTHER: 000

Card 2/2

KULIKOVA, N. M., LAZAREVA, L. E., YAKOVLEV, V. A. and BANNIK, B. P.

"The Angular Distribution of Fission Fragments in the Photo Fission of Uranium"
a paper presented at the International Conference on Nuclear Reactions, Amsterdam,
2-7 July 1956.

D551274

БАННИК, В.П.
BANNIK , B.P.; KULIKOVA, N.M.; LAZAREVA, L.Ye.; YAKOVLEV, V.A.

Angular distribution of photofission fragments from uranium [with
summary in English]. Zhur. eksp. teor. fiz. 33 no.1:53-55 Ян '57.
(MLRA 10:9)

1. Fizicheskiy institut im. P.N. Lebedeva Akademii nauk SSSR.
(Nuclear fission)

AUTHOR
TITLE

BAWIK, B.P., KULIKOVA, N.K., LAZAREVA, L.Ye., YAKOVLEV, V.A. 56-7-8/66
Angular Distribution of Photofission Fragments from Uranium.

PERIODICAL

(Uglovoye raspredeleniye oskolkov pri fotodelenii urana - Russian)
Zhurnal Eksperim. i Teoret. Fiziki, 1957, Vol 33, Nr 7, pp 53-55 (U.S.S.R.)

ABSTRACT

With the help of Ilford D-1 plates saturated with uranium the angular distribution of the fission fragments are determined on the occasion of the fissioning of uranium by a γ bombardment with an energy of 9,4, 12, and 26,5 MeV. The 30 MeV synchrotron of the FIAN served as a γ source.

Anisotropy increases very considerably with decreasing γ -energy. For the 3 coefficients, a, b, c, of the function of angular distribution the following values were determined:

E_{γ}^{max}	b/a	ratio between the anisotropic and isotropic fission yields
9,4	$0,55 \pm 0,09$	$0,55 \pm 0,09$ 1)
12	$0,20 \pm 0,07$	$0,13 \pm 0,05$
26,4	$0,07 \pm 0,06$	$0,05 \pm 0,04$

1) $(\frac{2}{3} \cdot \frac{b}{a} + \frac{2}{15} \cdot \frac{c}{a})$

(2 tables, 1 ill., 3 Slavic references).

ASSOCIATION

Physical Institute "P.N. Lebedev" of the Academy of Sciences of the USSR
(Fizicheskii institut im. P.N. Lebedeva Akademii nauk SSSR)

SUBMITTED

7,2.1957

AVAILABLE

Library of Congress.

Card 1/1

STRONGIN, G.M.; KULIKOVA, M.N.; FONGOMIREV, V.I.

Cyclic method of preparation of highly concentrated hexachloran.
Report No.3. Trudy po khim. i khim. tekhn. no. 193-96 '64.

(MIRA 18:12)

1. Submitted May 27, 1963.

STRONGIN, G.M.; KULIKOVA, M.N., FINKEL'SHTEYN, A.A.

Cyclic method of preparation of highly concentrated hexachloran.
Report 4: Trudy po khim.i khim.tekhn. no.197-101 1963.

Cyclic method of preparation of highly concentrated hexachloran.
Report 5: Effect of heptachlorocyclohexanes on the quality of
highly concentrated hexachloran. Ibid.200-101

(MIRA 20012)

1. Submitted May 27, 1963.

KULIKOVA, N.M.; IVANOVA, R.G.

Effect of raised ground water level on meadow vegetation. Uch.rap.
Kaz.un. 113 no.1:51-61 '53. (MLRA 10:3)
(Tatar A.S., S.R. Meadows and pastures)
(Soil moisture)

KULIKOVA, N.M.

Mutual relationship of weeds and cultivated plants in grassland
rotation fields. Uch.zap. Kaz.un.114 no.1:93-134 '54.

(MIRA 10:3)

1. Kafedra geobotaniki.

(Tatar A.S.S.R.--Weed control) (Rotation of crops)

KULIKOVA, N.M.

Effect of subsurface flooding on certain meadow plants. Uch. zap.
Kaz. un. 118 no. 5:92-118 '58. (MIRA 14:4)
(Forage plants) (Water, Underground)